

AMENDED CLAIMS

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original claims 1-19 replaced by amended claims 1-18]

WHAT IS CLAIMED IS:

1. A liquid dispensing package comprising a flexible film package formed with at least two spaced apart flexible major surfaces joined to each other along their peripheral edges and delimiting therebetween a liquid containing chamber, said package further comprising an integral dosing pump and at least one button to operate said pump, said at least one button being provided adjacent to an edge of the package, wherein said button is a section of the flexible film from which the package is formed and wherein said pump comprises a) a pumping chamber in which said button constitutes a side wall of said chamber, b) an inlet valve through which the uptake of the liquid contents from said liquid containing chamber is performed, and c) an outlet valve through which the contents of said pumping chamber are dispensed.
2. A liquid dispensing package according to claim 1 wherein said button is a formed section of said package, where said forming is accomplished by thermoforming or embossing; such that a cavity is created, said cavity constituting a pumping chamber.
3. A liquid dispensing package according to the claim 1 wherein said inlet valve enables the uptake of liquid from the base of said package via an uptake conduit formed in said package by welding.
4. A liquid dispensing package according to claim 1 wherein return of said button to its initial position transfers said liquid from said uptake conduit to said pumping chamber which in turn sucks a further dose of said liquid from said liquid containing chamber into said uptake conduit.
5. A liquid dispensing package according to claim 1 wherein said dispenser further comprises a nozzle in fluid communication with said outlet valve.
6. A liquid dispensing package according to claim 5, further comprising a tamper-indication tab formed as part of the flexible package, where the removal of said tab exposes the nozzle.
7. A liquid dispensing package according to claim 5, wherein said nozzle is a spray nozzle.

8. A liquid dispensing package according to claim 5, wherein said nozzle can be swivelled to extend away from the dispenser.
9. A liquid dispensing package according to claim 1, wherein the frame of said pumping chamber is an injection-molded plastic part.
10. A liquid dispensing package according to claim 9, wherein at least part of said valves are an integral component of said injection-molded plastic part.
11. A liquid dispensing package according to claim 1 wherein said pump further comprises a non-return pressure-compensation valve leading into said package from the atmosphere.
12. A liquid dispensing package according to claim 11, wherein said button has an initial and a depressed position, wherein after depression, said button is able to return to its initial position due to air inflow via said pressure-compensation valve.
13. A liquid dispensing package according to claim 1, wherein said liquid is selected from the group consisting of a perfume, an eau de toilet, a breath freshener, a shampoo, a liquid soap, a shaving gel, a hair conditioner, a comestible substance, snuff, an inhalable medicine, an oil, water-based paint, oil-based paint or shoe polish.
14. A liquid dispensing package according to claim 1, further provided with a manually actuated safety valve, which cannot be operated by a young child.
15. A liquid dispensing package according to claim 1, further provided with a mechanism whereby squeezing of said package other than via the button provided will serve to prevent any dispensing taking place.
16. A liquid dispensing package according to claim 15, further provided with a selector enabling the deactivation of said squeeze-prevention mechanism.
17. A liquid dispensing package according to claim 1 wherein its configuration is selected from the group consisting of a stand up pouch, a flat pouch and a sachet.
18. A liquid dispensing package according to claim 1, further incorporating an isolated compartment for storage of at least one related item.